IN THE CLAIMS:

A status of all the claims of the present Application is presented below:

1.   **(Currently amended)** A computer-readable medium having stored thereon an instruction set to be executed, the instruction set, when executed by a processor, causes the processor to perform a computer method of:

receiving, by a computer system, an input/output request formatted in accordance with an application programming interface unavailable on the computer system;

generating an input/output request formatted in accordance with an adapter interface layer; and

submitting the generated input/output request to the adapter interface layer.

2.   **(Currently amended)** The computer-readable medium according to claim 1, wherein generating [[an]] the input/output request further comprises:

parsing one or more field values from a data structure referenced by the received input/output request; and

inserting the parsed field values into respective fields of a data structure formatted in accordance with the adapter interface layer.

3.   **(Currently amended)** The computer-readable medium according to claim 2, wherein parsing the one or more field values further comprises parsing one or more member values of a request block data structure formatted according to the application programming interface, and inserting the parsed field values further comprises assigning the parsed member values to members of a request block data structure formatted according to the adapter interface layer.

4.   **(Currently amended)** The computer-readable medium according to claim 1, wherein generating [[an]] the input/output request formatted according to [[an]] the adapter interface layer further comprises generating the input/output request formatted according to a pass-through interface of an operating system, and submitting the generated input/output request to the adapter interface layer further comprises submitting the generated input/output request to the pass-through interface.

5.   **(Original)** The computer-readable medium according to claim 1, wherein the instruction set, when executed by the processor, further causes the processor to perform the computer method of identifying a command type of the received input/output request, and generating the input/output request further comprises generating the input/output request having a command type corresponding to the identified command type.

6.   **(Original)** The computer-readable medium according to claim 5, wherein identifying a command type of the received input/output request further comprises parsing a command type from a field of a data structure referenced by the received input/output request, and generating the input/output request further comprises assigning a control code corresponding to the identified command type to an argument of the generated input/output request.

7.   **(Original)** The computer-readable medium according to claim 1, wherein submitting the generated input/output request further comprises conveying the generated input/output request to a host adapter.

8.   **(Currently amended)** The computer-readable medium according to claim 7, wherein conveying the generated input/output request to [[a]] the host adapter further comprises conveying the generated input/output request to a small computer system interface host adapter.

9.   **(Original)** The computer-readable medium according to claim 1, wherein the instruction set, when executed by the processor, further causes the processor to perform the computer method of:
> receiving a return data set formatted in accordance with the adapter interface layer; and
> translating the return data set into a format compatible with the application programming interface.

10.·   **(Original)** The computer-readable medium according to claim 9, wherein the translated return data set is conveyed to a client application that generated the received input/output request.

11.   **(Currently amended)**   A method for processing an input/output request in a computer system, comprising:

receiving, by a translation layer comprising a set of computer-readable instructions, an input/output request formatted in accordance with an application programming interface <u>unavailable on the computer system</u>;

generating, by the translation layer, an input/output request in a format compatible with an adapter interface layer of an operating system; and

submitting the generated input/output request to the adapter interface layer.

12.   **(Original)** The method according to claim 11, further comprising conveying, by the adapter interface layer, the generated input/output request to a host adapter.

13.   **(Original)** The method according to claim 11, further comprising receiving, by the adapter interface layer, a return data set formatted in accordance with the adapter interface layer.

14.   **(Original)** The method according to claim 13, further comprising:

conveying, by the adapter interface layer, the return data set to the translation layer; and

translating, by the translation layer, the return data set into a format compatible with the application programming interface.

15.   **(Original)** The method according to claim 14, further comprising conveying the translated return data set to an application that originated the received input/output request.

16.   **(Original)**   A computer system for processing an input/output request, comprising:

a processing element;

a host adapter; and

a local interface communicatively coupling the processing element and the host adapter, the processing element operable to execute a set of computer-readable instructions operable to receive an input/output request formatted in accordance with an application programming interface <u>unavailable on the computer system</u> and generate an input/output request formatted in accordance with an adapter interface layer of an operating system, the generated input/output request dependent upon the received input/output request, the processing element operable to submit the generated input/output request to the adapter interface layer.

17.   **(Original)** The system according to claim 16, wherein the adapter interface layer conveys the generated input/output request to the host adapter.

18.   **(Original)** The system according to claim 16, further comprising a peripheral device communicatively coupled with the local interface via the host adapter.

19.   **(Original)** The system according to claim 18, wherein the peripheral device provides a return data set formatted in accordance with the adapter interface layer to the host adapter in response to receipt of the generated input/output request.

20.   **(Original)** The system according to claim 16, wherein the adapter interface layer is operable to receive a return data set formatted in accordance with the adapter interface layer from the host adapter in response to processing of the generated input/output request, the adapter interface layer submitting the return data set to a translation layer.

21.   **(Original)** The system according to claim 20, wherein the translation layer translates the return data set into a format compatible with the application programming interface.

22.   **(Original)** The system according to claim 16, further comprising an application operable to generate the received input/output request, the application operable to receive a return data set formatted in accordance with the application programming interface.

23.   **(Previously Presented)** A method for processing an input/output request in a computer system, comprising:

receiving an input/output request formatted in accordance with an application programming interface unsupported by an operating system of the computer system;

generating, based on the received input/output request, an input/output request in a format compatible with an adapter interface layer of the operating system; and

submitting the generated input/output request to the adapter interface layer.

24.   **(Previously Presented)** The method of Claim 23, further comprising:

parsing one or more field values from a data structure referenced by the received input/output request; and

inserting the parsed field values into respective fields of a data structure formatted in accordance with the adapter interface layer.

25.   **(Currently amended)** The method of Claim 23, wherein receiving [[an]] the input/output request comprises receiving [[an]] the input/output request formatted in accordance with an advanced small computer system interface (SCSI) programming interface (ASPI), the ASPI format unsupported by the operating system of the computer system.